

CURRICULUM VITAE

November 2005

I. PERSONAL:

Name: Howard Taylor Sharp, MD F.A.C.O.G.

Birth Date: --

Birth Place: --

Work Address: Department of Obstetrics and Gynecology
University of Utah School of Medicine
50 North Medical Drive, Room 2B200
Salt Lake City, Utah 84132
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Citizenship: --

Marital Status: --

II. EDUCATION:

Undergraduate: University of Utah, Salt Lake City, Utah
--(B.U.S.) Bachelor of University Studies
Pre-Medicine / Business Management

Medical School: Tulane University School of Medicine
-- New Orleans, Louisiana

Residency / Internship: University of Utah School of Medicine
-- Department of Obstetrics and Gynecology
Salt Lake City, Utah

Fellowship: James H. Dorsey, MD
-- Department of Gynecology
Pelvic Surgery and Laparoscopy Greater Baltimore Medical Center
Baltimore, Maryland

BOARD CERTIFICATION:

Board Eligible, -- - American Board of Obstetrics and Gynecology
Board Certified, -- - American Board of Obstetrics and Gynecology
Fellow, American College of Obstetricians and Gynecologists, --
Recertified, -- - American Board of Obstetrics and Gynecology

III. PROFESSIONAL EXPERIENCE:

Limited Term Instructor July 1994 - June 1995	Department of Obstetrics and Gynecology University of Utah School of Medicine Salt Lake City, Utah
Assistant Professor July 1, 1995 – May 2001 (Retained 1998)	Department of Obstetrics and Gynecology University of Utah School of Medicine Salt Lake City, Utah
Associate Professor July, 2001 – present	Department of Obstetrics and Gynecology University of Utah School of Medicine Salt Lake City, Utah
Tenure Granted July, 2002 – present	Department of Obstetrics and Gynecology University of Utah School of Medicine Salt Lake City, Utah
Licensure:	Utah, -- – Maryland, --

EDITORIAL EXPERIENCE:

Southern Medical Journal – since 1995
Journal of Pharmaceutical Care in Pain & Symptom Control – since 1997
Journal of the Society of Gynecologic Investigation – since 1997
American Journal of Obstetrics and Gynecology – since 1998
Journal of the American Association of Gynecologic Laparoscopists – since 1998
Obstetrics and Gynecology – since 2000
Guest Editor, Clinical Obstetrics and Gynecology, Pelvic Pain Edition, 2003
Journal of Gynecologic Surgery, since 2003
Editorial Board, Journal of Gynecologic Surgery, since 2003

IV. SCHOLASTIC HONORS and AWARDS:

Magna Cum Laude - University of Utah, -- (Undergraduate)
Golden Key Honor Society - University of Utah, --
Dean's List - University of Utah, undergraduate --
Resident Teaching Award -- - Department of Ob/Gyn, University of Utah
Resident Teaching Award -- - Department of Ob/Gyn, University of Utah

Berlex Foundation Resident Education Award, --
Outstanding Resident in Gynecologic Endoscopy -- - American Association of
Gynecologic Laparoscopists
Best Resident Paper -- - Department of Ob/Gyn, University of Utah
Best Doctors in America® 2002, 2003, 2004, 2005 lists, Best Doctors Inc.
Physician Recognition Award 2004 – University of Utah Hospitals & Clinics
Honors for Nursing 2005 – from Labor & Delivery Unit, University of Utah

V. ADMINISTRATIVE EXPERIENCE:

Division Chief, General Division of Obstetrics and Gynecology,
University Of Utah School of Medicine, 1997 – present

Director, Utah Women’s Chronic Pelvic Pain Clinic,
Department of Obstetrics and Gynecology,
University of Utah School of Medicine, 1995 – present

Resident Credentialing for Hysteroscopy, Laparoscopy, and Laser,
Department of Obstetrics and Gynecology,
University of Utah School of Medicine, 1996 – present

Family Practice / Obstetrics and Gynecology Liaison,
Department of Obstetrics and Gynecology,
University of Utah School of Medicine, 1997 - present

VI. PROFESSIONAL COMMUNITY ACTIVITIES:

Polyclinic Gynecologist for the Salt Lake City 2002 Winter Olympics
Boy Scouts of America Merit Badge Councilor, Medicine
Physician – Boy Scout Physical Examinations 1996 – present

VII. UNIVERSITY COMMUNITY ACTIVITIES:

Medical School Interviewer - Tulane Medical School Admissions Committee
Tulane School of Medicine, 1988-90.

Operating Room Quality Assessment and Improvement Committee,
Greater Baltimore Medical Center - 7/1994 - 6/1995.

Primary Care Committee, University of Utah Medical Center, 1995 – 1997
Accreditation Committee, sub-committee on facilities, University of Utah
Medical Center, 1995

Faculty Practice Organization, sub-committee for primary care providers,
University of Utah School of Medicine, 6/1996

Wasatch Surgical Center Liaison Committee, University of Utah Medical Center,
6/1996 – 1998

Capitol Equipment Budget Committee, University of Utah Medical Center
March 1997 – 2002
Technology Assessment Steering Committee, University of Utah Medical Center,
May, 2000 – Jan, 2001
Contracting Committee Member, University of Utah Management Group,
September 2000 – 2004
Finance Sub-committee Member, Contracting Committee, University of Utah
Management Group, September 2000 – 2004
Technology Assessment Committee, University of Utah Medical Center,
Jan, 2001 – present
Medicaid committee Member, Contracting Committee, University of Utah
Management Group, August 2002 – 2004
Board Member, University of Utah Medical Group, October 2005 - present

VII B DEPARTMENT COMMITTEES

Executive Committee – Meets monthly with Division Chiefs and Department Chair
Post Graduate Education Coordinator, 2003 - present

VIII. MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Medical Association
American College of Obstetricians and Gynecologists
American Association of Gynecologic Laparoscopists
International Pelvic Pain Society
Utah Medical Association

VIII B. NATIONAL AND INTERNATIONAL COMMITTEES

Chair, Research Committee, International Pelvic pain Society, 2005 - present

Practice Bulletins Committee, American College of Obstetricians and Gynecologist
(ACOG), 2004 - present.

Vice Chair, Committee on Gynecologic Practice, American College of Obstetricians and
Gynecologist (ACOG), May 1, 2003 – May 2004.

Committee on Gynecologic Practice, American College of Obstetricians and
Gynecologist (ACOG), 2001 – 2004.

Board Member, International Pelvic Pain Society, 11/2000 – present.

Ad Hoc Review Committee, The Journal of the American Association of Gynecologic
Laparoscopists, 1998 – present

Poster Selection Committee, American Association of Gynecologic Laparoscopists 32nd annual meeting. Las Vegas, NV Nov 2003.

IX. TEACHING RESPONSIBILITIES / ASSIGNMENTS

Third year medical student lectures: pelvic anatomy, ovarian masses, sterilization
1995 – 2003.

Sophomore Organ Systems - small group lectures: infertility, ovarian tumors
1995 – present.

Morbidity and Mortality Conference Director, 1997 – present

Laparoscopy and Hysteroscopy Safety and Certification Course

Three day course taught every two years since 1996

Includes didactic lectures, inanimate surgery, and a porcine lab session

16 – 20 residents.

Pelvic Pain Rotation

Direct supervision of a chief resident weekly in the Pelvic Pain Clinic

1998 – present

PEER REVIEWED ARTICLES:

1. Jackson GM, **Sharp HT**, Varner MW. Cervical ripening before induction of labor. *Am J Obstet Gynecol* 1994;171:1092-96.
2. **Sharp HT**, Williams P, Hatasaka HH, Poulson AM. A prospective, randomized study comparing the ClearView uterine manipulator to the Cohen cannula as uterine manipulators in laparoscopy. *J Amer Assoc Gynecol Laparosc* 1995;2:207-11.
3. Dorsey JH, **Sharp HT**, Chovan J, Holtz P. Laparoscopic knot strength: A comparison to conventional knots. *Obstet Gynecol* 1995;86:536-40.
4. **Sharp HT**, Dorsey JH, Chovan J, Holtz P. A simple modification to add strength to the Roeder knot. *J Amer Assoc Gynecol Laparosc* 1996;3:305-7.
5. **Sharp HT**, Dorsey JH, Chovan J, Holtz P. The effect of knot geometry on the knot strength of laparoscopic slip knots. *Obstet Gynecol* 1996;88:408-11.
6. Scott JR, **Sharp HT**, Dodson MK, Norton PA, Warner HR. Subtotal hysterectomy in modern gynecology: A decision Analysis. *Am J Obstet Gynecol* 1997; 176:1186-92.
7. Hatasaka HH, **Sharp HT**, Dowling DD, Teahon K, Peterson CM. Laparoscopic tubal ligation by minimally invasive techniques compared to operating room based general anesthesia. *J Laparoendosc* 1997; 7:295-98.

8. **Sharp HT**, Dorsey JH. The 4S modification of the Roeder knot: How to tie it. *Obstet Gynecol* 1997; 90:1004-6.
9. **Sharp HT**, Doucette RC, Norton PA. Dyspareunia and recurrent stress urinary incontinence after laparoscopic colposuspension with mesh and staples. *J Reprod Med* 2000; 45:947-9.
10. **Sharp HT**, Dodson MK, Langer MK, Doucette RC, Norton PA. The role of vaginal apex excision in patients with post hysterectomy dyspareunia. *Am J Obstet Gynecol* 2000; 183:1385-9.
11. Doucette RC, **Sharp HT**, Alder SC. Challenging generally accepted contraindications to vaginal hysterectomy: A study of 250 cases. *Am J Obstet Gynecol* 2001; 184:1386-91.
12. **Sharp HT**, Dodson MK, Watts DA, Doucette RC, Draper M, Hurd WW. Complications associated with optical-access laparoscopic trocars. *Obstet Gynecol* 2002; 99:553-55.
13. Gurtcheff S, **Sharp HT**. Complications associated with global endometrial ablation: The use of the MAUDE database. *Obstet Gynecol* 2003; 102:1278-82.
14. Huang I, Hammound AO, Cook C, **Sharp HT**, Peterson CP. Perioovulatory geographic tongue in spontaneous menstrual cycles. *Case Rep Clin Pract Rev*, 2005;6:275-277.
15. ---submitted

BOOK CHAPTERS:

1. Summers PR, **Sharp HT**. The management of obscure or difficult cases of vulvovaginitis. In: *Clinical Obstetrics and Gynecology*, Eds: Pitkin RM, Scott JR. Philadelphia, Lippencott, 1993;36:206-214.
2. **Sharp HT**. Gastrointestinal surgical conditions in pregnancy. In: *Clinical Obstetrics and Gynecology*, Eds: Pitkin RM, Scott JR. Philadelphia, Lippencott, 1994;37:306-315.
3. Summers PR, **Sharp HT**. Enterovirus. In: Gonik B, ed. *Viral Diseases in Pregnancy*. New York, Springer-Verlag, 1994;224-35.
4. Dorsey JH, **Sharp HT**. Laparoscopic sacral colpopexy and other reconstructive procedures for prolapse. In: *Bailliere's Clinical Obstetrics and Gynaecology* 1995;9:4-9.

5. Dorsey JH, **Sharp HT**. Combined Laparoscopic and Vaginal Repair of Pelvic Livingstone, New York, 1995;69-75.
6. Dorsey JH, **Sharp HT**. The Laparoscopic management of Ovarian Disorders. In: Alticek A, Deligdisch L, eds, Diagnosis and Management of Ovarian Disorders. Igaku-Shoin Medical Publishers, New York, 1995;350-78.
7. **Sharp HT**, Dorsey JH. Abdominal Entry. In: Cohen S, ed, Operative Laparoscopy and Hysteroscopy. Churchill-Livingstone, New York, 1995;69-75.
8. **Sharp HT**. Laparoscopy in children. In: Clinical Obstetrics and Gynecology, Eds, Pitkin RM, Scott JR. Philadelphia, Lippencott, 1997,40:210-8.
9. **Sharp HT**. Adjunctive procedures for endometriosis-related pain. In: Operative Techniques in Gynecologic Surgery, Ed, Gershenson DM, Guest Ed, Olive D. WB Saunders, Philadelphia, PA 1997;2:103-0.
10. **Sharp HT**. Pelvic Pain: Diagnosis and Treatment. In: Goldfarb AF, ed. The Endocrine Management of Benign Gynecologic Disease. Chapman & Hall, New York, 1998;13-20.
11. **Sharp HT**. Hormonal Management of Ovarian Cysts. In: Goldfarb AF, ed. The Endocrine Management of Benign Gynecologic Disease. Chapman & Hall, New York, 1998;91-96.
12. **Sharp HT**. Surgical management of Chronic Pelvic Pain. In: Blackwell R, Olive D, eds, Chronic Pelvic Pain: Evaluation and Management. Springer-Verlag, New York 1998;153-66.
13. Dorsey JH, **Sharp HT**. Complications of Gynecologic Surgery. In: Nichols DH, ed. Reoperative Gynecologic and Obstetric Surgery, Second edition, St. Louis, Mosby, 1997;348-66.
14. -- (In Press)
15. **Sharp HT**. Endoscopic Surgery. In: Scott JR, DiSaia PJ, Hammond CB, Spellacy WN, eds, Danforth's Obstetrics and Gynecology 8th edition, Philadelphia, Lippencott – Raven, 1999;737-748.
16. Dodson MK, **Sharp HT**. Uses and Abuses of Leep. In: Clinical Obstetrics and Gynecology, Eds, Pitkin RM, Scott JR. Philadelphia, Lippencott, 1999, 42:916-21.

17. **Sharp HT.** The Acute Abdomen in Pregnancy. In: Clinical Obstetrics and Gynecology, Eds, Pitkin RM, Scott JR. Philadelphia, Lippencott, 2002;45:405-13
18. --, (In Press).
19. --, (In Press)
20. **Sharp HT.** Myofascial pain for the Busy Clinician. In: Clinical Obstetrics and Gynecology, Eds, Pitkin RM, Scott JR. Philadelphia, Lippencott, 2003;46:783-8.
21. --. In Press
22. --. In Press

BOOK GUEST EDITED

1. **Sharp HT,** Guest Editor, for Pelvic Pain In: Clinical Obstetrics and Gynecology, Eds, Pitkin RM, Scott JR. Philadelphia, Lippencott, 2003;46.

OTHER PUBLICATIONS:

1. Summers PR, **Sharp HT.** Management of recurrent candidal infection: A problematic syndrome. Clinical Advances in the Treatment of Infections. 1992;2(3):1-3.
2. Summers PR, **Sharp HT.** Principles of dermatology in vaginitis therapy. Clinical Advances in the Treatment of Infections. 1992;6(4):4-5.
3. Summers PR, **Sharp HT.** Enhancing surgical wound healing. Clinical Advances in the Treatment of Infections. 1992;6(4):4-5.
4. Summers PR, **Sharp HT.** Important etiologies of rash in pregnancy. Clinical Advances in the Treatment of Infections. 1993;6(2):1-11.
5. Summers PR, **Sharp HT.** Infectious risks of swimming and sauna baths. Clinical Advances in the Treatment of Infections. 1993;7(2):1-3.

ABSTRACTS / POSTERS

1. Biswas MK, Summer PR, Pernoll ML, Herrera EH, Swanson D, **Sharp HT.** Decreased incidence of neonatal intracranial hemorrhage following maternal administration of magnesium sulfate. Southern Medical Association Scientific Assembly, November 8, 1988, New Orleans, LA. (Presented by HT Sharp)

2. Summers PR, Biswas MK, **Sharp HT**. Vaginal microflora of pregnant hepatitis B carriers. Armed Forces District ACOG meeting. Washington DC, November 7, 1989. (Presented by PR Summers)
3. Summers PR, Carrol K, Miller KL, **Sharp HT**. Screening for immunocompromise in cases of recurrent vulvovaginal candidiasis. ACOG District VIII and IX meeting. Mauna Lani, Hawaii, November 10, 1992. (Presented by HT Sharp)
4. **Sharp HT**, Williams P, Hatasaka HH, Poulson AM, Peterson CM. A prospective randomized study comparing the ClearView uterine manipulator vs. the Cohen cannula as uterine manipulators in laparoscopy. Presented at the American Association of Gynecologic Laparoscopists 23rd annual meeting, New York, NY, October 22, 1994 (Presented by HT Sharp)
5. Jackson GM, **Sharp HT**, Varner MW. Cervical ripening before induction of labor: A randomized trial of prostaglandin E2 gel vs. low dose oxytocin. Society of Perinatal Obstetricians, Las Vegas, NV, January 28, 1994.
6. Dorsey JH, **Sharp HT**. Technical aspects of laparoscopic colpopexy. Presented at the American Association of Gynecologic Laparoscopists 24th annual meeting, Orlando, FL, November, 1995 (Presented by JH Dorsey)
7. Dorsey JH, **Sharp HT**. Retroperitoneal anatomy in laparoscopic sacral colpopexy. Presented at the American Association of Gynecologic Laparoscopists 24th annual meeting, Orlando, FL, November, 1995 (Presented by JH Dorsey)
8. **Sharp HT**, Dorsey JH, Chovan J, Holtz PM. A simple technique to add knot strength to the Roeder knot in laparoscopy. Presented at the American Association of Gynecologic Laparoscopists 24th annual meeting, Orlando, FL, November, 1995 (Presented by HT Sharp)
9. **Sharp HT**, Dorsey JH, Tabb R. Avoiding the inferior epigastric vessels upon trocar placement: A prospective comparison of three methods. Presented at the American Association of Gynecologic Laparoscopists 24th annual meeting, Orlando, FL, November, 1995 (Presented by HT Sharp)
10. Dowling DD, Peterson CM, Hatasaka HH, **Sharp HT**, Poulson AM, Jones KP. Laparoscopic tubal ligation by minimally invasive techniques compared to operating room based general anesthesia. American College of Obstetricians and Gynecologists, San Francisco, CA. May 10, 1995.
11. Dorsey JH, **Sharp HT**, Chovan JD, Holtz PM. Laparoscopic knot strength: A comparison to conventional knots. American College of Obstetricians and Gynecologists, San Francisco, CA. May 10, 1995.

12. Dorsey JH, Holtz PM, Henderson JW, **Sharp HT**. Tubal sterilization: A prospective comparison of five methods. Presented at the American Association of Gynecologic Laparoscopists 25th annual meeting, Chicago, IL Sept. 24, 1996 (Presented by HT Sharp)
13. **Sharp HT**, Dorsey JH, Holtz PM, Melick CF. Electrocautery versus endo-GIA in LAVH: A randomized control study. Presented at the American Association of Gynecologic Laparoscopists 25th annual meeting, Chicago, IL Sept. 24, 1996 (Presented by HT Sharp)
14. **Sharp HT**, Dorsey JH, Chovan JD, Holtz PM. The effect of knot geometry on the strength of laparoscopic slip knots. Presented at the American Association of Gynecologic Laparoscopists 25th annual meeting, Chicago, IL Sept. 24, 1996 (Presented by HT Sharp)
15. Dorsey JH, Holtz PM, **Sharp HT**, Griffiths RI, Bluemke D. Anatomy of the presacral space. Presented at the 52nd annual meeting of the American Society of Reproductive medicine, Boston, MA, November 6, 1996. (Presented by JH Dorsey).
16. Scott JR, **Sharp HT**, Dodson MK, Norton PA, Warner HR. Subtotal hysterectomy in modern gynecology: A decision analysis. Presented at the Central Association of Obstetricians and Gynecologists, October 17, 1996 (Presented by HT Sharp)
17. **Sharp HT**, Doucette RC, Norton PA. Dyspareunia and recurrent stress urinary incontinence after laparoscopic colposuspension with staples and mesh. Presented at the American Association of Gynecologic Laparoscopists 26th annual meeting, Seattle, WA, Sept. 26, 1997 (Presented by HT Sharp)
18. **Sharp HT**, Dorsey JH. The 4S knot: How to tie it. Presented at the American Association of Gynecologic Laparoscopists 26th annual meeting, Seattle, WA, Sept. 26, 1997 (Presented by HT Sharp)
19. Doucette RC, **Sharp HT**. The use of operative Laparoscopy to treat post-operative hemoperitoneum complicating vaginal hysterectomy: A report of 4 cases. American Association of Gynecologic Laparoscopists 28th annual meeting. Las Vegas, NV. Nov 10,1999.
20. **Sharp HT**, Olive DL. Endometrial cryoablation with the Soprano cryo-therapy system: Safety and Feasibility studies. American Association of Gynecologic Laparoscopists 28th annual meeting. Las Vegas, NV. Nov 10,1999. (Presented by HT Sharp)
21. **Sharp HT**, Dodson MK, Langer KM, Doucette RC, Norton PA. Vaginal vault

- excision for post-hysterectomy dyspareunia. Presented at the Society for Gynecologic Surgeons, New Orleans, March 1, 2000.
22. Doucette RC, **Sharp HT**, Alder S. Questioning generally accepted contraindications to vaginal hysterectomy: A study of 250 cases. Presented at the Central Association of Obstetricians and Gynecologists. Chicago, Oct, 2000.
 23. Watts DA, **Sharp HT**. Outcomes associated with laparoscopic conscious sedation pelvic pain mapping. Presentation at American Association of Gynecologic Laparoscopists 30th annual meeting. San Francisco, CA, Nov 2001.
 24. **Sharp HT**, Dodson MK, Watts DA, Draper M, Doucette RC. Major laparoscopic complications associated with “optical-access” trocars used in laparoscopic surgery. Presentation at American Association of Gynecologic Laparoscopists 30th annual meeting. San Francisco, CA, Nov 2001.
 25. Doucette RC, Summers PR, **Sharp HT**. Microsheets and vulvovaginal pathology. Accepted as a poster, Central Association of Obstetrics and Gynecology, Las Vegas, NV October 2002.
 26. Gurtcheff S, **Sharp HT**. Complications associated with global endometrial ablation: The use of the MAUDE database. American Association of Gynecologic Laparoscopists 32nd annual meeting. Las Vegas, NV Nov 2003.
 27. **Sharp HT**, Jardine G. Complications in 186 cases of global endometrial ablation with the MAUDE database. Presented at AAGL, Chicago, November 2005
 28. Boudreaux-Nippert D, Norton PA, **Sharp HT**, Peltier M, Wilson A, Myntti A. Tension-free vaginal tape: Complications reported in the MAUDE database. Accepted for presentation ACOG, 2006

IRB APPROVED RESEARCH PROTOCOLS:

Proprietary information has been deleted.

CME LECTURES:

1. Tubal ligation: Which method is best?
University of Utah Grand Rounds, University Medical Center, SLC, UT, 4/92
2. Management of the surgical abdomen in pregnancy.
University of Utah Grand Rounds, LDS Hospital, SLC, UT, 5/93
3. Pelvic adhesions and pain: What is the role of laparoscopy?
University of Utah Grand Rounds, University Medical Center, SLC, UT, 1/94

4. Diagnosis and management of unusual causes of organic pelvic pain.
Grand rounds, Greater Baltimore Medical Center, Baltimore, MD, 11/19/94.
5. Complications of laparoscopic surgery: How to avoid and manage.
Grand rounds, Mckay-Dee Hospital, Ogden, Utah, 9/15/95.
6. Laparoscopic colposuspension: Technological revolution or laparoscopies latest disaster? University of Utah Grand Rounds, LDS Hospital, SLC, UT, 9/19/95.
7. Office gynecology: Pelvic pain and vaginitis
Grand rounds, St. Peter's Community Hospital, Helena MT, March 22, 1996.
8. Chronic pelvic pain: Runs, hits, and errors
Grand rounds, University of Utah School of Medicine, UUMC, SLC, UT, 10/27/98.
8. Obstetric and Gynecologic Emergencies
General Surgery Grand Rounds, University of Utah School of Medicine, SLC, UT April 17, 2002
9. New Concepts in Chronic Pelvic Pain.
Grand Rounds, Department of Obstetrics and Gynecology, University of Utah School of Medicine. Jan 6, 2004, LDS Hospital, Salt Lake City, Utah.
11. New Technology in the Management of Menorrhagia, Grand Rounds, Department of Obstetrics and Gynecology, University of Utah, October, 2005

NATIONAL / INTERNATIONAL POST GRADUATE COURSES TAUGHT:

1. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 2/28/95. Lecture given:
Management of the adnexal mass in 1995.
2. Thorny Issues in Gynecologic Surgery, Hilton Head, SC, May 26-29, 1995 (Co-Director of pelvic pain seminar. Lectures given:
 - a. **Pitfalls of tubal sterilization**
 - b. **Diagnosing chronic pelvic pain: Filling your arsenal**
 - c. **Do pelvic adhesions cause pain?**
 - d. **Pelvic denervation surgery**

3. Current Trends in Laparoscopy, American Association of Gynecologic Laparoscopists, November 1995, Orlando, FL. Course Chair: David Olive. Lectures given:
 - a. **Energy sources update**
 - b. **Laparoscopic urethropexy and pelvic reconstruction**
 - c. **Fetoscopy**

4. Advances in Endoscopic and Minimally Invasive Plastic Surgery., Sponsored by the Division of Plastic Surgery, University of Utah School of Medicine, Course chair: Renato Saltz, MD, Park City, Utah, January 3-7, 1995. Lecture given:

New gynecological applications in endoscopic surgery.

5. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 3/96. Lecture given:

Are the advanced laparoscopic procedures feasible?

6. Family Practice Update, Sponsored by the Department of Family and Preventative Medicine, University of Utah School of Medicine, SLC, UT March 20, 1996, **Causes of chronic pelvic pain**

7. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 2/97. Lecture given: **Chronic pelvic pain: If it doesn't fit, you must acquit**

8. Current Concepts in Transport, The Center for Pediatric Continuing Education at Primary Children's Medical Center, SLC, Utah, March, 1997. Lecture given:

Assessment and stabilization of the bleeding patient in pregnancy

9. Family Practice Update, Sponsored by the Department of Family and Preventative Medicine, University of Utah School of Medicine, SLC, UT March, 1997 **Chronic pelvic pain: Update**

10. Reproductive Surgery, American Association of Gynecologic Laparoscopists, September 1996, Seattle, WA. Course Chair: David Olive. Lectures given:
 - a. **Assessing the reproductive tract**
 - b. **Distal tubal obstruction**
 - c. **Mullarian anomalies and reproductive failure**

11. International Pelvic Pain Society Meeting, San Diego, November 4, 1998

Chronic Pelvic Pain: A Surgical Approach

12. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 3/1/99. Lecture given: **Endometrial Ablation: Freeze or Fry?**

13. Advanced Endoscopic Surgery: What's New and What's True, American College of Obstetricians and Gynecologists, Philadelphia, PA, May 15-16, 1999. Course Chair: William Hurd. Lectures:
 - a. **What's new in hysteroscopy?**
 - b. **Laparoscopic pain mapping: Where does it fit in?**
 - c. **Laparoscopic bladder suspensions: How and when?**

14. Family Practice Update, Sponsored by the Department of Family and Preventative Medicine, University of Utah School of Medicine, SLC, UT March 1999, **Causes of chronic pelvic pain**

13. Endoscopy: Nuts, Bolts and Pearls Women's Foundation, Lafayette, LA November 10, 1999 Chair: William Hurd. Lectures:
 - a. **Laparoscopic pain mapping: Where does it fit in?**
 - b. **Laparoscopic bladder suspensions: How and when?**

16. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 3/2000. Lecture given: **Myofascial Pain Syndrome for the Busy Gynecologist**

17. Endoscopy: Nuts, Bolts, and Pearls. American College of Obstetricians and Gynecologists, San Francisco, CA, May, 2000. Course Chair: William Hurd. Lectures given:
 - a. **What's new in hysteroscopy?**
 - b. **Laparoscopic pain mapping: Where does it fit in?**
 - c. **Laparoscopic bladder suspensions: How and when?**

18. **Pelvic Pain** – 24th Annual Snowbird Conference for Nurse Practitioners and Physician Assistants. August 18, 2000, Snowbird, Utah – Sponsored by the Utah Academy of Physician Assistants and Utah Nurse Practitioner Conference Group

19. **Chronic Pelvic Pain: New Directions**, The American Gynecologic Club, Stein Erikson's Lodge, Park City, Utah. Sept. 22, 2000.

20. Endoscopy: Nuts, Bolts, and Pearls. American College of Obstetricians and Gynecologists, Chicago, IL, April, 2001. Course Chair: William Hurd. Lectures given:
 - a. **Non-Hysteroscopic Endometrial Ablation**
 - b. **Laparoscopic Myomectomy**
 - c. **Laparoscopic bladder suspensions: How and when?**
 - d. **Laparoscopic fallopian tube surgery**

21. Idaho Perinatal Project. Boise, Idaho, Feb 25, 2001. Lectures given:
 - a. **Chronic Pelvic Pain: New Advances**
 - b. **Endoscopic Surgery: What's New in Safety and Efficacy**

22. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 3/2001. Lecture given: **Diagnosis and Management of Vulvodynia**
23. Family Practice Update, Sponsored by the Department of Family and Preventative Medicine, University of Utah School of Medicine, Sheriton Hotel, SLC, UT March 2001, **Menorrhagia**
24. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 3/2002. Lecture given: **Endometrial Ablation: Which Method is Best**
25. Family Practice Update, Sponsored by the Department of Family and Preventative Medicine, University of Utah School of Medicine, Sheriton Hotel, SLC, UT April 2002, **Diagnosis and Management of Menorrhagia**
26. International Pelvic Pain Society Meeting, San Diego, August 15, 2002
Current Concepts in Vulvar Vestibulitis
27. Chronic Pelvic Pain, American Association of Gynecologic Laparoscopists, November 2002, Orlando, FL. Course Chair: C Paul Perry. Lecture given: **Pelvic Visceral Adhesions**
28. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 3/2003. Lecture given: **Vulvar Vestibulitis: Diagnosis and Management**
29. Update in Obstetrics and Gynecology, Sponsored by the Department of Obstetrics and Gynecology, University of Utah, Park City, Utah, 3/2003. Lecture given: **Hysteroscopy Safety**
30. American Association of Gynecologic Laparoscopists Resident Endoscopy Training Course, Chicago, IL, April 28-29, 2003. Lecture given: **Laparoscopy cutting and tissue fixation.**
31. Surgical Complications: American College of Obstetricians and Gynecologists, New Orleans, LA May, 2003. Course Chair: Gary Lipscomb, MD. Lectures given:
 - a. **Deep Venous Thrombosis Prophylaxis**
 - b. **Neurologic Injury and Gynecologic Surgery**
 - c. **Complications of Hysteroscopic Surgery**
32. Obstetrics and Gynecology Fall Medical-Surgical Conference, Sept 29-Oct 2, 2003. Heidelberg, Germany. Lectures given:

- a. **New Concepts in Neuroanatomy**
 - b. **Hysteroscopic Safety**
 - c. **Laparoscopic Safety**
 - d. **Ectopic Pregnancy Review**
 - e. **Panel Discussion: Primary Elective C-Section**
33. Surgical Complications: American College of Obstetricians and Gynecologists, Philadelphia, PA, 2004. Course Chair: Gary Lipscomb, MD. Lectures given:
- c. **Deep Venous Thrombosis Prophylaxis**
 - d. **Neurologic Injury and Gynecologic Surgery**
 - d. **Complications of Hysteroscopic Surgery**
34. Surgical Complications: Women's Resource Center, Sponsored through Louisiana ACOG Section, New Orleans, LA March, 2004. Course Chair: Gary Lipscomb, MD. Lectures given:
- e. **Deep Venous Thrombosis Prophylaxis**
 - f. **Neurologic Injury and Gynecologic Surgery**
 - e. **Complications of Hysteroscopic Surgery**
35. **New Concepts in Chronic Pelvic Pain.**
45th Annual, Obstetrics and Gynecology Update & Current Controversies, Sponsored by Department of Obstetrics and Gynecology, University of Utah Park City, Feb 18, 2004
36. **The Medical Management of Chronic Pelvic Pain.** 11th annual meeting of the International Pelvic Pain Society. Chicago, IL Aug, 9, 2004
37. **Pelvic pain: What works and what doesn't.** American College of Obstetrics and Gynecology, District VI, VII & IX Annual Meeting, Salt lake City, Utah Sept 19, 2004.
38. **Uterine Artery Embolization for Uterine Leiomyomata**
46th Annual, Obstetrics and Gynecology Update & Current Controversies, Sponsored by Department of Obstetrics and Gynecology, University of Utah Park City, Feb 9, 2005
39. Surgical Complications: American College of Obstetricians and Gynecologists, San Francisco, CA, 2005. Course Chair: Gary Lipscomb, MD. Lectures:
- g. **Deep Venous Thrombosis Prophylaxis**
 - h. **Neurologic Injury and Gynecologic Surgery**
 - f. **Complications of Hysteroscopic Surgery**
40. **New Technology in the Treatment of Menorrhagia and Fibroids,** 47th Annual, Obstetrics and Gynecology Update & Current Controversies, Sponsored by Department of Obstetrics and Gynecology, University of Utah Park City, Scheduled: Feb 2006.

41. Surgical Complications: American College of Obstetricians and Gynecologists, Washington DC Course, 5/2006 Chair: Howard T. Sharp, MD. Lectures:
- a. **Deep Venous Thrombosis Prophylaxis**
 - b. **Neurologic Injury and Gynecologic Surgery**
 - c. **Wound Complications / Hemorrhage**

SESSIONS MODERATED AT NATIONAL MEETINGS

New Instrumentation Session, co-moderated with Harrith Hasson American Association of Gynecologic Laparoscopists 28th annual meeting. Las Vegas, NV. Nov 10,1999.

New Instrumentation Session, co-moderated with Harrith Hasson American Association of Gynecologic Laparoscopists 29th annual meeting. Orlando, FL. Nov 16,2000.

New Instrumentation Session, co-moderated with Harrith Hasson American Association of Gynecologic Laparoscopists 30th annual meeting. San Francisco, CA. Nov, 2001.

Pelvic Pain, Co-moderator, American Association of Gynecologic Laparoscopists 30th annual meeting. San Francisco, CA. Nov 17, 2001.

American College of Obstetricians and Gynecologists, Annual Meeting, Los Angeles, May, 2002 Luncheon Discussant: New therapies in chronic pelvic pain.

American College of Obstetricians and Gynecologists, Annual Meeting, Los Angeles, May, 2002 Luncheon Discussant: The difficult vaginal hysterectomy.

American Association of Gynecologic Laparoscopists, Annual Meeting, Orlando, FL, November 2002. Luncheon Discussant: The negative laparoscopy.

Global Congress of Gynecologic Endoscopy, AAGL 32nd Annual Meeting, Las Vegas, NV, Plenary Session Moderator / OR Dynamics, Nov, 21, 2003.

INVITED LECTURES:

1. Advanced operative laparoscopy: Is it feasible,? Guest speaker, Resident's Day, June 23, 1995, Department of Obstetrics and Gynecology, University of Utah School of Medicine.
2. Chronic pain syndromes. Presented at the University of Utah Pain Management Center Problem Based Seminar, sponsored by the Department of Anesthesiology, University of Utah, Sept. 28, 1995.
3. Pelvic masses and pelvic pain, lecture given as core curriculum for the first year Nurse Midwifery students, University of Utah School of Nursing, November, 1995 - 1997

4. Laparoscopic safety in the operating room, lecture given to OR Nursing staff, Moran Auditorium, University of Utah, June 25, 1996.
5. Hysteroscopic safety and safe leg positioning during gynecologic surgery, lecture given to OR Nursing staff, Moran Auditorium, University of Utah, Sept, 1998.
6. Preconceptional Health. Lecture given at KUED sponsored, "Speaking of Women's Health. Salt Lake Hilton, July, 2000.
7. Chronic Pelvic Pain. In service lecture given at Women's Health and Breast Care Center, Madsen Clinic. University of Utah School of Medicine. November 13, 2002.
8. Global Endometrial Ablation. University of Vermont, Grand Rounds. Burlington, VT, Oct 2004.